

**CLASSIFICATION**

**SECRET SECRET**

CENTRAL INTELLIGENCE AGENCY

**INFORMATION FROM**

**FOREIGN DOCUMENTS OR RADIO BROADCASTS**

## REPORT

CD NO.

50X1-HUM

COUNTRY USSR

SUBJECT Economic; Technological - Polygraphic machinery

DATE OF INFORMATION 1950

HOW  
PUBLISHED Daily newspapers

DATE DIST. // Sep. 1950

WHERE  
PUBLISHED USSR

NO. OF PAGES 2

DATE  
PUBLISHED 3 Apr - 27 May 1950

SUPPLEMENT TO  
REPORT NO.

LANGUAGE Russian

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50 U. S. C., 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE            Newspapers as indicated.

## MINISTRY STEPS UP PRODUCTION OF COMPLEX POLYGRAPHIC MACHINERY

NEW FLAT-PRINTING AND TYPECASTING MACHINES HAVE PUSH-BUTTON CONTROL -- Bakinskiy  
Rabochiy, 6 May 50

Enterprises of the Ministry of Machine and Instrument Building USSR are increasing output of polygraphic equipment.

The Shcherbakov Plant has begun production of offset machines for multi-colored plate printing. The unit has push-button control. It makes 6,000 prints per hour. The same plant has also begun production of machines for casting round stereotypes. These, too, have push-button control. Productivity is about two stereotypes per minute. Printing offices of a number of republic and oblast newspapers have already been equipped with the new machines.

The Leningrad Linotip Plant is putting out complex block-machining units, which perform most of the operations of bookmaking, such as binding and glueing. Productivity of the new unit, 2,400 books per hour, is five times that of former machines.

New high-production machines for the polygraphic industry are also being produced by the Eysk and Kharkov plants, as well as other plants of the ministry.

Sovetskaya Belorussiya, 11 Apr 50

This year the production of machines for the polygraphic industry is greatly expanding, and attention is being given to more productive equipment.

The block-machining unit put out by the Leningrad Linotip Plant performs operations previously done by several machines or even by hand. The new machine is operated by five men.

Many of the two-revolution flat-printing machines produced by the Shcherbakov Plant have already been shipped to printing houses in the Ukrainian, Belorussian, and other republics. The machines are in series production.

- 1 -

**SECRET**

**CLASSIFICATION**

**SECRET**

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB	DISTRIBUTION							
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI								

**SECRET**

SECRET

50X1-HUM

**MAKES TYPE FROM NEW ALLOY -- Vechernyaya Moskva, 18 May 50**

The Moscow Typecasting Plant is producing type and various polygraphic equipment such as cases, composing frames, carts with hoisting platforms and revolving tables, drying apparatus, etc.

Innovators at the plant have decided to make new alloys for type, thereby saving nonferrous metals. Samples of type made from a new alloy have been tested in one of the Moscow printing houses, and have been found to be of high quality.

The plant is preparing for mass output of new newspaper type fittings. A new boiler has also been designed for making type from the new alloy.

**FIRST PHOTOTYPESETTING MACHINE BUILT IN USSR -- Komsomol'skaya Pravda, 11 May 50**

First reports on phototypesetting machines appeared in the foreign press in 1923, when the foreign designers of these machines were acclaimed. However, it has now been successfully established from precise documentary data that the idea for this machine was stolen from the Russian inventor Viktor Afanas'evich Gassiyev, who had built it in 1897. The valuable invention could not be promoted in Czarist Russia.

The phototypesetting machine is used for making printed forms and doing other typographic work.

Gassiyev has to his credit a number of other inventions, including an instrument for studying the frequency characteristics of different sounds.

**INITIATE FIRST SOVIET GATHERING COMBINE -- Komsomol'skaya Pravda, 27 May 50**

Workers and engineers of the Rostov-on-Don Krasnyy Perepletchik Plant have put into operation the first gathering combine in the Soviet Union. The machine lines off and folds the paper, counts off the pages and fits them into the binding, sews the gathering, and places blotting paper inside the pages. Productivity of the combination machine is 2,000 gatherings per hour.

**TAKES ORDERS FOR LEADS AND RULES -- Vechernyaya Moskva, 3 Apr 50**

The First Printing House of Transzheldorizdat, 46 B. Pereyaslavskaya, is taking orders for the casting of leads and type-metal rules in any quantity from the type metal of the purchaser. Orders are being taken for the making of zincographic engraving plates. Telephone I 1-24-04. -- Advertisement

- E N D -

- 2 -

SECRET

**SECRET**